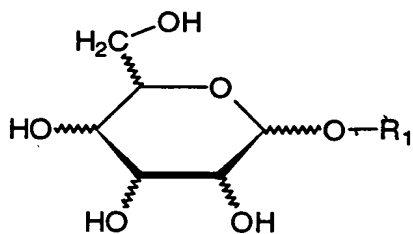


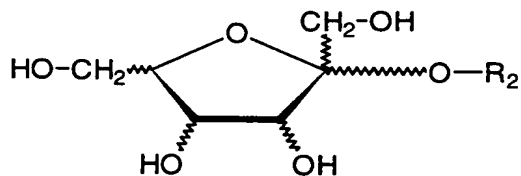
Claims:

1. Use of alkylated and/or acylated monosaccharides and/or oligosaccharides as antimicrobial, antimycotic and/or antiviral active ingredients.

2. *The method* Use according to Claim 1, characterized in that the alkylated and/or acylated monosaccharide(s) is/are chosen from substances which are given by the general structural formulae

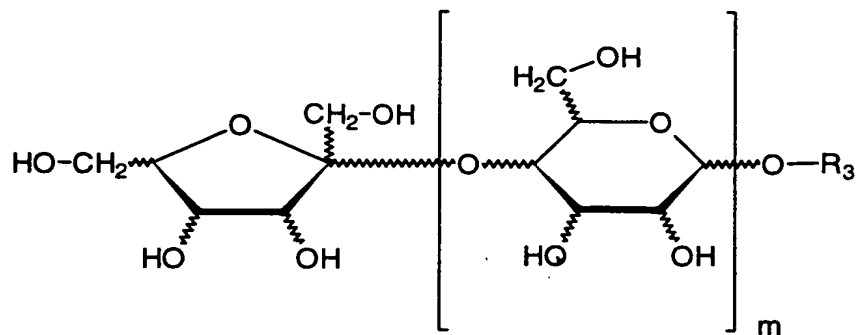


and



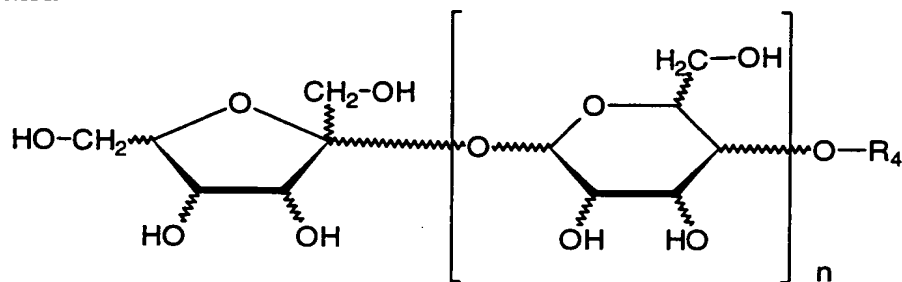
- in which R<sub>1</sub> and/or R<sub>2</sub> include branched or unbranched saturated alkyl groups or acyl groups having 1 - 25 carbon atoms.

3. *The method* Use according to Claim 1, characterized in that the alkylated and/or acylated disaccharide(s) or oligoglucosides are chosen from substances which are given by the general structural formulae



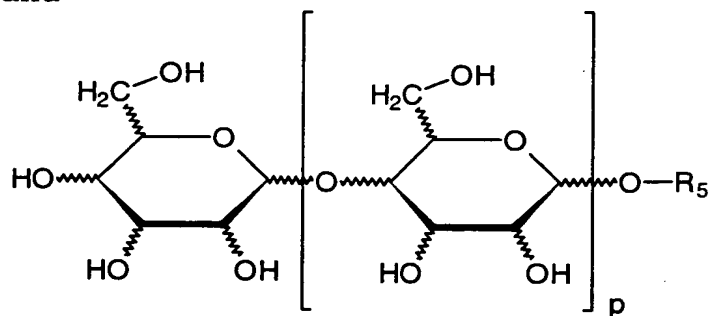
where m = 1 - 4

and



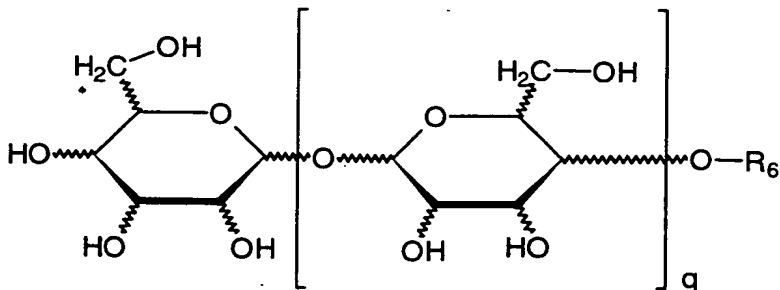
where n = 1 - 4

and



where p = 1 - 4

and



where q = 1 - 4

in which R<sub>3</sub> - R<sub>6</sub> include branched or unbranched saturated alkyl groups or acyl groups having 1 - 25 carbon atoms.

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*The method*

4. ~~Use~~ according to Claim <sup>8</sup>1, characterized in that the alkylated and/or acylated monosaccharides and/or oligosaccharides are present in cosmetic or dermatological formulations.

*The method*

5. ~~Use~~ according to Claim <sup>8</sup>1, characterized in that the alkylated and/or acylated monosaccharides and/or oligosaccharides are chosen from the group consisting of  $\beta$ -D-octylglucopyranoside,  $\beta$ -D-nonylglucopyranoside,  $\beta$ -D-decylglucopyranoside,  $\beta$ -D-undecylglucopyranoside,  $\beta$ -D-dodecylglucopyranoside,  $\beta$ -D-tetradecylglucopyranoside and  $\beta$ -D-hexadecylglucopyranoside.

*The method*

6. ~~Use~~ according to Claim <sup>8</sup>1, characterized in that the alkylated and/or acylated monosaccharides and/or oligosaccharides are present in natural or synthetic raw materials or auxiliaries or mixtures.

*The method*

7. ~~Use~~ according to Claim 4, characterized in that the alkylated and/or acylated monosaccharides and/or oligosaccharides are used in cosmetic or dermatological formulations in a content of 0.005 - 50.0% by weight, ~~in particular 0.01 - 20.0% by weight~~, based on the total weight of the composition.

*add 7*

*add 12*

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